


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> NBU 921-35J SWD							
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES							
<b>4. TYPE OF WELL</b> Water Injection Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> NATURAL BUTTES							
<b>6. NAME OF OPERATOR</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.						<b>7. OPERATOR PHONE</b> 720 929-6515							
<b>8. ADDRESS OF OPERATOR</b> P.O. Box 173779, Denver, CO, 80217						<b>9. OPERATOR E-MAIL</b> julie.jacobson@anadarko.com							
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> ML 22582			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>							
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>							
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>							
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>							
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>		<b>SECTION</b>		<b>TOWNSHIP</b>		<b>RANGE</b>		<b>MERIDIAN</b>	
<b>LOCATION AT SURFACE</b>		1467 FSL 1427 FEL		NWSE		35		9.0 S		21.0 E		S	
<b>Top of Uppermost Producing Zone</b>		1467 FSL 1427 FEL		NWSE		35		9.0 S		21.0 E		S	
<b>At Total Depth</b>		1467 FSL 1427 FEL		NWSE		35		9.0 S		21.0 E		S	
<b>21. COUNTY</b> UINTAH			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1427			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 321							
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 50			<b>26. PROPOSED DEPTH</b> MD: 1890 TVD: 1890							
<b>27. ELEVATION - GROUND LEVEL</b> 5072			<b>28. BOND NUMBER</b> 22013542			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Permit #43-8496							
<b>Hole, Casing, and Cement Information</b>													
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Length</b>	<b>Weight</b>	<b>Grade &amp; Thread</b>	<b>Max Mud Wt.</b>	<b>Cement</b>	<b>Sacks</b>	<b>Yield</b>	<b>Weight</b>			
Surf	8.75	7	0 - 1580	23.0	J-55 ST&C	8.4	Class G	50	3.82	11.0			
							Class G	150	1.15	15.8			
<b>ATTACHMENTS</b>													
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
<b>NAME</b> Danielle Piernot				<b>TITLE</b> Regulatory Analyst				<b>PHONE</b> 720 929-6156					
<b>SIGNATURE</b>				<b>DATE</b> 12/07/2010				<b>EMAIL</b> danielle.piernot@anadarko.com					
<b>API NUMBER ASSIGNED</b> 43047513960000				<b>APPROVAL</b>  Permit Manager									

# T9S, R21E, S.L.B.&M.

WEST - 80.00 (G.L.O.)

N89°47'37"W - 2646.18' (Meas.)

N89°47'25"W - 2645.99' (Meas.)

Found Uintah County Aluminum Cap in Pile of Stones.

Found Uintah County Aluminum Cap in Pile of Stones.

Found 1" Aluminum Cap on 5/8" Rebar. Pile of Stones.

N00°21'17"W - 2645.28' (Meas.)

N00°12'59"E 2703.72' (Measured to C.C.)

2702.74' (Measured to True Corner)

Found Uintah County Surveyor 1 1/2" Aluminum Cap on 5/8" Rebar in Pile of Stones.

Found 1 1/2" Aluminum Cap on 5/8" Rebar in Pile of Stones.

N00°03'41"W - 2641.51' (Meas.)

N00°03'E - 79.80 (G.L.O.)

N00°00'34"E (Basis of Bearings)

2612.15' (Measured)

NBU 921-35J SWD (Proposed Well Head)  
NAD 83 LATITUDE = 39.989299° (39° 59' 21.475")  
LONGITUDE = 109.514563° (109° 30' 52.428")  
NAD 27 LATITUDE = 39.989334° (39° 59' 21.601")  
LONGITUDE = 109.513876° (109° 30' 49.955")

35

**WELL LOCATION:  
NBU 921-35J SWD**

ELEV. UNGRADED GROUND = 5072.3'

Proposed Well

1427'

1467'

LOT 4

LOT 3

LOT 2

LOT 1

Found 1977 Brass Cap in Pile of Stones.

2.19 (G.L.O.)  
144.58'

Found 1977 Brass Cap

Found 1977 Brass Cap

Found 1977 Brass Cap in Pile of Stones.

2.50 (G.L.O.)  
164.44'

Found 1977 Brass Cap in Pile of Stones.

2501.71'

S89°07'53"W - 2666.15' (Meas.)

S89°06'W - 40.39 (G.L.O.)

Found 1977 Brass Cap

S89°14'29"W - 2688.09' (Meas.)

S89°12'W - 40.73 (G.L.O.)

Found 1977 Brass Cap

99.10' 1.51 (G.L.O.)

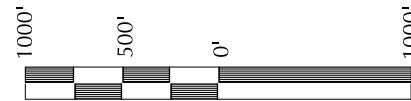
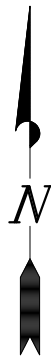
2678.51' (Meas.)

S89°06'03"W  
S89°06'W - 40.59 (G.L.O.)

## NOTES:

▲ = Section Corners Located

1. Well footages are measured at right angles to the Section Lines.
2. G.L.O. distances are shown in feet or chains.  
1 chain = 66 feet.
3. Bearings are based on Global Positioning Satellite observations.
4. Basis of elevation is Tri-Sta "Two Water" located in the NW 1/4 of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SCALE

## SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR  
No. 6028691  
JOHN R. LAUGH  
STATE OF UTAH

**Kerr-McGee Oil & Gas Onshore, LP**  
1099 18th Street - Denver, Colorado 80202

**WELL PAD: NBU 921-35J**

**NBU 921-35J SWD  
WELL PLAT**

**1467' FSL, 1427' FEL**

**NW 1/4 SE 1/4 OF SECTION 35, T9S, R21E,  
S.L.B.&M., UTAH COUNTY, UTAH.**



**CONSULTING, LLC**  
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**TIMBERLINE**

(435) 789-1365

**ENGINEERING & LAND SURVEYING, INC.**  
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 11-16-10	SURVEYED BY: M.S.B.	SHEET NO: <b>1</b> 1 OF 9
DATE DRAWN: 11-17-10	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised: 12-02-10 M.W.W.	